

Title (en)

System and method for operating a radar system in a continuous wave mode for data communication

Title (de)

System und Verfahren zum Betrieb eines Radarsystems in einem kontinuierlichen Wellenmodus zur Datenkommunikation

Title (fr)

Système et procédé d'utilisation d'un système radar en mode onde continue pour la communication de données

Publication

EP 2251705 A1 20101117 (EN)

Application

EP 10250869 A 20100504

Priority

US 43537909 A 20090504

Abstract (en)

A system and a method for operating a radar system in a continuous wave mode for communicating information are provided. In one embodiment, the invention relates to a method for operating a radar system, having an antenna including a plurality of active array elements, in a continuous wave mode to communicate information, the method including receiving an instruction to enter the continuous wave mode, loading a plurality of tables, where each table includes information indicative of a primary group of the active array elements to be activated and a secondary group of elements to be deactivated, receiving a communication signal to be transmitted, and providing, repeatedly, the communication signal, for a preselected period of time, to the primary group of elements of each of the plurality of tables.

IPC 8 full level

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CPC (source: EP US)

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Citation (applicant)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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